

**ABSTRACT**

5 A quick-release tube clamp and method therefor for locking  
and releasing a prosthetic pylon/foot component from the socket. The  
quick-release tube clamp includes a tubular portion, an annular socket  
portion, and a clamp portion. The tubular portion has a formed slot  
along a longitudinal length of the tubular portion. The tubular portion  
forms a cylindrical opening with an inner diameter slightly larger than  
the outer diameter of the tubular pylon. The annular socket at the  
upper end of the tubular portion attaches to the socket of the modular  
10 lower limb prosthetic system. The clamp portion is located near the  
lower end of the tubular portion and firmly locks the tubular portion  
around the tubular pylon when the tubular pylon is inserted into the  
tubular position and provides a releasing position for removal of the  
tubular pylon.